Jadwiga Åliwka

List of Publications by Year
in descending order

50	1,691	304743 22	302126 39
papers	citations	h-index	g-index

52	52	52	1595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuber Flesh Colour, Enzymatic Discolouration, Dormancy and Late Blight Resistance of 29 Tuber-Bearing Accessions of Solanum spp.. Potato Research, 2023, 66, 1-21.	2.7	1
2	Quantitative Trait Loci for Resistance to Potato Dry Rot Caused by Fusarium sambucinum. Agronomy, 2022, 12, 203.	3.0	1
3	Late blightÂresistance genes in potato breeding. Planta, 2022, 255, 127.	3.2	28
4	Population Structure of Phytophthora infestans from a Single Location in Poland Over a Long Period of Time in Context of Weather Conditions. Microbial Ecology, 2021, 81, 746-757.	2.8	10
5	Identification and pathogenicity of Fusarium spp. associated with tuber dry rot and wilt of potato in Algeria. European Journal of Plant Pathology, 2021, 159, 495-509.	1.7	25
6	Analysis of Cytosine Methylation in Genomic DNA of Solanum Ã— michoacanum (+) S. tuberosum Somatic Hybrids. Agronomy, 2021, 11, 845.	3.0	6
7	QTLs for potato tuber resistance to Dickeya solani are located on chromosomes II and IV. Plant Pathology, 2021, 70, 1745-1756.	2.4	9
8	Quantitative trait loci for starch-corrected chip color after harvest, cold storage and after reconditioning mapped in diploid potato. Molecular Genetics and Genomics, 2020, 295, 209-219.	2.1	6
9	eQTL mapping of the 12S globulin cruciferin gene PGCRURSE5 as a novel candidate associated with starch content in potato tubers. Scientific Reports, 2020, 10, 17168.	3.3	4
10	Marker-assisted pyramiding of potato late blight resistance genes Rpi-rzc1 and Rpi-phu1 on di- and tetraploid levels. Molecular Breeding, 2020, 40, 1.	2.1	18
11	Quantitative trait loci analysis of potato tuber greening. Molecular Biology Reports, 2020, 47, 1713-1722.	2.3	8
12	Cytoplasmic diversity of potato relatives preserved at Plant Breeding and Acclimatization Institute in Poland. Molecular Biology Reports, 2020, 47, 3929-3935.	2.3	6
13	EvaluationÂof PCR markers for Phytophthora infestans mating type determination. European Journal of Plant Pathology, 2018, 152, 33-44.	1.7	8
14	QTL for tuber morphology traits in diploid potato. Journal of Applied Genetics, 2018, 59, 123-132.	1.9	24
15	Quantitative trait loci for tuber blackspot bruise and enzymatic discoloration susceptibility in diploid potato. Molecular Genetics and Genomics, 2018, 293, 331-342.	2.1	12
16	Diversity of Avrâ€vnt1 and AvrSmira1 effector genes in Polish and Norwegian populations of Phytophthora infestans. Plant Pathology, 2018, 67, 1792-1802.	2.4	9
17	Novel gene Sen2 conferring broad-spectrum resistance to Synchytrium endobioticum mapped to potato chromosome XI. Theoretical and Applied Genetics, 2018, 131, 2321-2331.	3.6	22
18	Characterization of Dickeya and Pectobacterium strains obtained from diseased potato plants in different climatic conditions of Norway and Poland. European Journal of Plant Pathology, 2017, 148, 839-851.	1.7	42

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19	Expression of the Potato Late Blight Resistance Gene Rpi-phu1 and Phytophthora infestans Effectors in the Compatible and Incompatible Interactions in Potato. Phytopathology, 2017, 107, 740-748.	2.2	25
20	BC1 and F1 Progeny from Solanum Ã— michoacanum (+) S. tuberosum Somatic Hybrids, Autofused 4Ã— S. michoacanum and Cultivated Potato. American Journal of Potato Research, 2017, 94, 323-333.	0.9	7
21	Quantitative trait loci affecting intensity of violet flower colour in potato. Euphytica, 2017, 213, 1.	1.2	2
22	Phytophthora Infestans: Isolation of Pure Cultures, Storage and Inoculum Preparation. Plant Breeding and Seed Science, 2017, 76, 9-15.	0.1	7
23	Laboratory Assessment of Potato Resistance to Phytophthora Infestans. Plant Breeding and Seed Science, 2017, 76, 17-23.	0.1	8
24	The effect of drought stress on the leaf relative water content and tuber yield of a half-sib family of â€˜Katahdinâ€™-derived potato cultivars. Breeding Science, 2016, 66, 328-331.	1.9	149
25	Diversity of Fusarium spp. associated with dry rot of potato tubers in Poland. European Journal of Plant Pathology, 2016, 145, 871-884.	1.7	59
26	Genetic composition of interspecific potato somatic hybrids and autofused 4x plants evaluated by DArT and cytoplasmic DNA markers. Plant Cell Reports, 2016, 35, 1345-1358.	5.6	29
27	Potato cultivation system affects population structure of Phytophthora infestans. Fungal Ecology, 2016, 20, 132-143.	1.6	22
28	Mapping of quantitative trait loci for tuber starch and leaf sucrose contents in diploid potato. Theoretical and Applied Genetics, 2016, 129, 131-140.	3.6	26
29	Fine mapping of the Rpi-rzc1 gene conferring broad-spectrum resistance to potato late blight. European Journal of Plant Pathology, 2015, 143, 193-198.	1.7	14
30	Novel candidate genes AuxRP and Hsp90 influence the chip color of potato tubers. Molecular Breeding, 2015, 35, 224.	2.1	28
31	R2-like Gene Contributes to Resistance to Phytophthora infestans in Polish Potato Cultivar Bzura. American Journal of Potato Research, 2015, 92, 350-358.	0.9	23
32	Diversity of <scp>P</scp>hytophthora infestans from <scp>P</scp>oland. Plant Pathology, 2014, 63, 203-211.	2.4	38
33	Hypersensitive response to Potato virus Y in potato cultivar SÃ¡rpo Mira is conferred by the Ny-Smira gene located on the long arm of chromosome IX. Molecular Breeding, 2014, 34, 471-480.	2.1	24
34	A locus conferring effective late blight resistance in potato cultivar SÃ¡rpo Mira maps to chromosome XI. Theoretical and Applied Genetics, 2014, 127, 647-657.	3.6	28
35	Resistance to Phytophthora Infestans in Three Solanum Nigrum F3 Families. Plant Breeding and Seed Science, 2014, 66, 63-73.	0.1	4
36	Resistance gene enrichment sequencing (<scp>R</scp>en<scp>S</scp>eq) enables reannotation of the <scp>NB</scp>â€<scp>LRR</scp> gene family from sequenced plant genomes and rapid mapping of resistance loci in segregating populations. Plant Journal, 2013, 76, 530-544.	5.7	367

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37	Interspecific somatic hybrids Solanum villosum (+) S. tuberosum, resistant to Phytophthora infestans. Journal of Plant Physiology, 2013, 170, 1541-1548.	3.5	20
38	Development of somatic hybrids SolanumÂÃ—Âmichoacanum Bitter. (Rydb.) (+) S. tuberosum L. and autofused 4x S.ÂÃ—Âmichoacanum plants as potential sources of late blight resistance for potato breeding. Plant Cell Reports, 2013, 32, 1231-1241.	5.6	27
39	Influence of genetic background and plant age on expression of the potato late blight resistance gene Rpiâ€phu1 during incompatible interactions with Phytophthora infestans. Plant Pathology, 2013, 62, 1072-1080.	2.4	20
40	The influence of long-term storage in liquid nitrogen on survival and pathogenicity of Phytophthora Infestans isolates. Journal of Plant Protection Research, 2012, 52, 479-485.	1.0	3
41	Late blight resistance gene from Solanum ruiz-ceballosii is located on potato chromosome X and linked to violet flower colour. BMC Genetics, 2012, 13, 11.	2.7	44
42	A resistance gene against potato late blight originating from SolanumÂÃ—Âmichoacanum maps to potato chromosome VII. Theoretical and Applied Genetics, 2012, 124, 397-406.	3.6	46
43	Marker-assisted selection of diploid and tetraploid potatoes carryingRpi-phu1, a major gene for resistance toPhytophthora infestans. Journal of Applied Genetics, 2010, 51, 133-140.	1.9	25
44	Rpi-vnt1.1, a Tm-2² Homolog from Solanum venturii, Confers Resistance to Potato Late Blight. Molecular Plant-Microbe Interactions, 2009, 22, 589-600.	2.6	194
45	Recognition of Phytophthora infestans Avr4 by potato R4 is triggered by Câ€terminal domains comprising W motifs. Molecular Plant Pathology, 2009, 10, 611-620.	4.2	22
46	Tagging quantitative trait loci for dormancy, tuber shape, regularity of tuber shape, eye depth and flesh colour in diploid potato originated from six Solanum species. Plant Breeding, 2008, 127, 49-55.	1.9	32
47	Tagging QTLs for late blight resistance and plant maturity from diploid wild relatives in a cultivated potato (Solanum tuberosum) background. Theoretical and Applied Genetics, 2007, 115, 101-112.	3.6	32
48	Mating Type, Virulence, Aggressiveness and Metalaxyl Resistance of Isolates of Phytophthora Infestans in Poland. Potato Research, 2007, 49, 155-166.	2.7	24
49	The novel, major locus Rpi-phu1 for late blight resistance maps to potato chromosome IX and is not correlated with long vegetation period. Theoretical and Applied Genetics, 2006, 113, 685-695.	3.6	95
50	Genetic factors encoding resistance to late blight caused by Phytophthora infestans (Mont.) de Bary on the potato genetic map. Cellular and Molecular Biology Letters, 2004, 9, 855-67.	7.0	4